

```

Db      557  TCTGCCAGACAAACAGGCCCCGTAACGCGACCTCTATGCTACATGCTATACCAT 616
Qy      1993  GGTGCTTTCGTAACGCGGCTTGTATGAAGCTTGCTGCTACCGTGTGAGCCATG 2052
Db      617  GGTGCTTTCGTAACGCGGCTTGTATGAAGCTTGCTGCTACCGTGTGAGCCATG 676
Qy      2053  ACTGTGGGCTTCTTACTTTCGCGACGCTCCATGAGAGTCCAGCTGAGATCATAGAGAT 2112
Db      677  ACTGTGGGCTTCTTACTTTCGCGACGCTCCATGAGAGTCCAGCTGAGATCATAGAGAT 736
Qy      2113  GCGGCTTTCGCGCTTCCATTTGACCCGTAACACCGGAAAGAGCTTAACTGATGCGC 2172
Db      737  GCGGCTTTCGCGCTTCCATTTGACCCGTAACACCGGAAAGAGCTTAACTGATGCGC 796
Qy      2173  GACTTCTTCGACCGCTGCAAGCAAGACCCAGATCATGCGGTGAAATATCTGAGCAGG 2232
Db      797  GACTTCTTCGACCGCTGCAAGCAAGACCCAGATCATGCGGTGAAATATCTGAGCAGG 856
Qy      2233  CTGACGCGCATATACGAGAGTACACATGAGAGATATCTGAGAGGTTGATGACATG 2232
Db      857  CTGACGCGCATATACGAGAGTACACATGAGAGATATCTGAGAGGTTGATGACATG 916
Qy      2293  GCGGCGCTTACCGCTTTCGCGAGTACGCTGCAAGCTTCAAGGCTGAGACGAGGCGC 2352
Db      917  GCGGCGCTTACCGCTTTCGCGAGTACGCTGCAAGCTTCAAGGCTGAGACGAGGCGC 976
Qy      2353  TACCTTGAGATGTTCTACATCTGAGAGTTCGCGAGCTGCGGAGACCGTGCCTTCA 2412
Db      977  TACCTTGAGATGTTCTACATCTGAGAGTTCGCGAGCTGCGGAGACCGTGCCTTCA 1036
Qy      2413  ATTGACCAACCGGAGTGTGCGGCACTGCGGACCTGCGTACGCTTGTGTAAGACTGAA 2472
Db      1037  ATTGACCAACCGGAGTGTGCGGCACTGCGGACCTGCGTACGCTTGTGTAAGACTGAA 1096
Qy      2473  ACTGGAAGACCTTCACTGATATTTAGCGCGGCGAGACGATGACCAATAAATGTCGCGAG 2532
Db      1097  ACTGGAAGACCTTCACTGATATTTAGCGCGGCGAGACGATGACCAATAAATGTCGCGAG 1156
Qy      2533  CTGAACCTGCTTTT 2546
Db      1157  CTGAACCTGCTTTT 1170

```

## RESULT 6

```

US-09-237-183A-1015
; Sequence 1015, Application US/09237183A
; Publication No. US20030135870A1
; GENERAL INFORMATION:
; APPLICANT: Cheikh, No. US20030135870A1dline
; APPLICANT: Fisher, Dane K.
; APPLICANT: Liu, Jindong
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With The
; FILE REFERENCE: 38-21(15089)B
; CURRENT FILING DATE: 1999-01-26
; PRIOR APPLICATION NUMBER: US 60/067,000
; PRIOR FILING DATE: 1997-11-24
; NUMBER OF SEQ ID NOS: 2814
; SEQ ID NO 1015
; TYPE: DNA
; ORGANISM: Zea mays
US-09-237-183A-1015

```

```

Query Match 10.1%; Score 278; DB 10; Length 428;
Best Local Similarity 99.7%; Pred. No. 5,1e-133;
Matches 328; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

Qy      2218  ATATCTGAGAGCGGCTGCGGCAATATACGAGAGTACAGAGCAAGATATATCTGAGAG 2277
Db      63  ATATCTGAGAGCGGCTGCGGCAATATACGAGAGTACAGAGCAAGATATATCTGAGAG 122

```

```

Qy      2278  AGTTGATGACATGCGCGGCTTCTACGCTTTCGAGAGTACGTAAGCTCGAGAGG 2337
Db      123  AGTTGATGACATGCGCGGCTTCTACGCTTTCGAGAGTACGTAAGCTCGAGAGG 182
Qy      2338  CTGAGAGAGAGGCTTCTGAGAGTATTTCTACTACTGAAAGTTCCGCGAGCTGCGAAG 2397
Db      183  CTGAGAGAGAGGCTTCTGAGAGTATTTCTACTACTGAAAGTTCCGCGAGCTGCGAAG 242
Qy      2398  ACCGTCGCGCTTGCATTTGACCAACGCGAGAGCTTTCGCGACCTGCGTACACT 2457
Db      243  ACCGTCGCGCTTGCATTTGACCAACGCGAGAGCTTTCGCGACCTGCGTACACT 302
Qy      2458  TGTACAGACCTGAAACCTGAAAGACCTTGAAGTATTTAGCGCGGCAAGCGTACGCA 2517
Db      303  TGTACAGACCTGAAACCTGAAAGACCTTGAAGTATTTAGCGCGGCAAGCGTACGCA 362
Qy      2518  TAAATGTCGCGAGCTGAACTGCTTTT 2546
Db      363  TAAATGTCGCGAGCTGAACTGCTTTT 391

```

## RESULT 7

```

US-09-237-183A-533
; Sequence 533, Application US/09237183A
; Publication No. US20030135870A1
; GENERAL INFORMATION:
; APPLICANT: Cheikh, No. US20030135870A1dline
; APPLICANT: Fisher, Dane K.
; APPLICANT: Liu, Jindong
; TITLE OF INVENTION: Nucleic Acid Molecules And Other Molecules Associated With The
; FILE REFERENCE: 38-21(15089)B
; CURRENT FILING DATE: 1999-01-26
; PRIOR APPLICATION NUMBER: US 60/067,000
; PRIOR FILING DATE: 1997-11-24
; NUMBER OF SEQ ID NOS: 2814
; SEQ ID NO 533
; LENGTH: 303
; TYPE: DNA
; ORGANISM: Zea mays
US-09-237-183A-533

```

```

Query Match 9.2%; Score 255; DB 10; Length 303;
Best Local Similarity 100.0%; Pred. No. 4,3e-121;
Matches 255; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

```

```

Qy      1761  GCTGCTCAACCTTTTGTCTAATGCTGAGAGGAGCTGTAACCTTGTGCTGT 1820
Db      1  GCTGCTCAACCTTTTGTCTAATGCTGAGAGGAGCTGTAACCTTGTGCTGT 60
Qy      1821  TCCCGGTAACAATGATGCAACAGTCCAGAGCAGGAGAGAGATGCGGAGTAGAGA 1880
Db      61  TCCCGGTAACAATGATGCAACAGTCCAGAGCAGGAGAGAGATGCGGAGTAGAGA 120
Qy      1881  GATGATGAATCTCATGAAAGACCAACTTGTTCGCGAGCTTCCGCTGATCTTCCCA 1940
Db      121  GATGATGAATCTCATGAAAGACCAACTTGTTCGCGAGCTTCCGCTGATCTTCCCA 180
Qy      1941  GACAAACAGGCGCGTAACGCGAGCTTATGCTCATGCTGATACCATGAGTCTTT 2000
Db      181  GACAAACAGGCGCGTAACGCGAGCTTATGCTCATGCTGATACCATGAGTCTTT 240
Qy      2001  CGTACAGCGGCTT 2015
Db      241  CGTACAGCGGCTT 255

```

## RESULT 8

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US-10-080-114A-13
; Sequence 13, Application US/10080114A
; Publication No. US20030005482A1

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